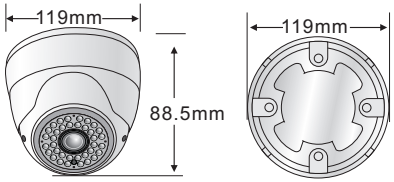
DIGITAL VIDEO CAMERA
User's manual

Vandalproof IR dome camera

36PCS Ø5MM IR LEDS

Schematic Diagram



Warning & Attention

WARNING

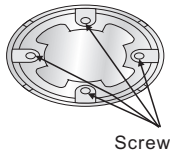
Please don't open camera,it's with danger of electronic shock.

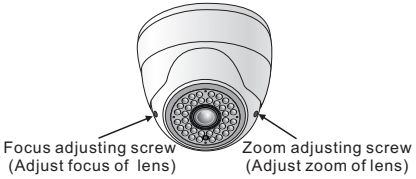
Attention:
To reduce the danger of electronic shock, please don't open the case (or back cover) of camera; everything is on the surface of camera for user's operation, please seek help from qualified profeesionals for repair.

Attention items:

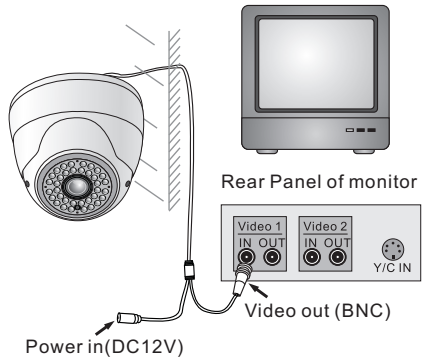
- **Don't touch CCD or lens;**
- **Make camera away from violent attack;**
- **Don't use any unidentified power supply;**
- **Make camera lens away from strong light;**
- **Avoid installation in unstable places (shake, wet, high temperature, cold, etc);**
- **Avoid operation out of the following conditions, temperature: -10℃～+50℃, humidity: less than 90%;**

Installation





1.Fix the camera base on the ceiling; 2.Install the camera on the base, turn the lens to a suitable position; 3.Fix the camera on the base;



4.Connect the camera to the monitor.

Attention:
- Be sure to connect power supply after all installation completed;
- Connect GND end with ground;

Specification

	Color hi-resolution camera					Color camera		
Image Sensor	1/3″ SONY EXVIEW CCD		1/3″ SONY SUPER HAD Ⅱ CCD			1/3″ SONY SUPER HADⅡ CCD		1/4″ SONY CCD
Effective pixels	PAL:1020(H)X596(V) NTSC:1020(H)X508(V)		PAL:752(H)X582(V) NTSC:768(H)X494(V)			PAL:500(H)X582(V) NTSC:510(H)X492(V)		
Sensor area	4.9mmX3.7mm					3.6mmX2.7mm		
Signal system	PAL/NTSC							
Horizontal resolution	700TVL	650TVL	630TVL	600TVL	550TVL	450TVL	420TVL	420TVL
Minimum illumination	0Lux(IR LED ON)							
Electronic shutter	Auto:1/50(1/60)-1/100,000Sec							
S/N ratio	>48dB							
Gamma	0.45							
Lens	4-9mm,2.8-12mm Varifocal manual iris lens							
Video output	1.0Vp-p,75Ω							
IR wave length	36Pcs Ø5mm IR LEDS (wavelength 850nm)							
Power supply	DC 12V±10%							
Power consumption	less than 4.2W							
IR distance	25-30M							

Specifications are subject to change without notice